

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044194.D
 Acq On : 09 Dec 2024 17:37
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Quant Time: Dec 10 01:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	135757	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	248673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96570	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	129787	55.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.480%
35) Dibromofluoromethane	5.379	113	92471	52.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.647	98	311560	50.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	112080	53.767	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27509	15.995	ug/l	98
3) Chloromethane	1.294	50	32755	18.099	ug/l	98
4) Vinyl Chloride	1.374	62	35273	18.324	ug/l	99
5) Bromomethane	1.593	94	24857	20.990	ug/l	94
6) Chloroethane	1.666	64	29761	25.373	ug/l	99
7) Trichlorofluoromethane	1.867	101	68304	19.847	ug/l	99
8) Diethyl Ether	2.136	74	27655	22.047	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	30116	18.345	ug/l	99
10) Methyl Iodide	2.441	142	41292	20.140	ug/l	98
11) Tert butyl alcohol	2.989	59	38441	102.855	ug/l	99
12) 1,1-Dichloroethene	2.306	96	29889	19.107	ug/l	98
13) Acrolein	2.233	56	32283	81.950	ug/l	96
14) Allyl chloride	2.660	41	50978	19.944	ug/l	97
15) Acrylonitrile	3.068	53	100479	110.322	ug/l	99
16) Acetone	2.386	43	109503	102.392	ug/l	99
17) Carbon Disulfide	2.502	76	44433	13.770	ug/l	96
18) Methyl Acetate	2.709	43	53505	21.484	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	124639	21.944	ug/l	95
20) Methylene Chloride	2.782	84	36188	19.940	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	31501	19.504	ug/l	96
22) Diisopropyl ether	3.763	45	120480	22.043	ug/l	95
23) Vinyl Acetate	3.721	43	499223	106.772	ug/l	100
24) 1,1-Dichloroethane	3.605	63	66871	21.208	ug/l	99
25) 2-Butanone	4.568	43	154107	111.678	ug/l	100
26) 2,2-Dichloropropane	4.471	77	57084	20.046	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	42493	21.285	ug/l	98
28) Bromochloromethane	4.897	49	26209	18.884	ug/l	95
29) Tetrahydrofuran	5.007	42	95322	112.677	ug/l	98
30) Chloroform	5.093	83	75775	22.344	ug/l	93
31) Cyclohexane	5.464	56	48818	18.811	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62168	21.257	ug/l	99
36) 1,1-Dichloropropene	5.690	75	43925	19.838	ug/l	97
37) Ethyl Acetate	4.721	43	57613	20.961	ug/l	100
38) Carbon Tetrachloride	5.678	117	48162	19.358	ug/l	97
39) Methylcyclohexane	7.379	83	52919	18.397	ug/l	94
40) Benzene	6.031	78	139613	20.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32217	22.901	ug/l	95
42) 1,2-Dichloroethane	6.086	62	59522	21.488	ug/l	99
43) Isopropyl Acetate	6.342	43	93678	21.416	ug/l	99
44) Trichloroethene	7.123	130	35012	17.932	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33709	19.955	ug/l	97
46) Dibromomethane	7.580	93	28564	21.376	ug/l	98
47) Bromodichloromethane	7.818	83	48783	20.355	ug/l	99
48) Methyl methacrylate	7.696	41	43383	20.669	ug/l	99
49) 1,4-Dioxane	7.665	88	11689	312.640	ug/l #	61
51) 4-Methyl-2-Pentanone	8.574	43	302094	113.171	ug/l	99
52) Toluene	8.714	92	85899	20.808	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	48298	19.762	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	54145	20.209	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36713	21.544	ug/l	97
56) Ethyl methacrylate	9.116	69	59083	22.260	ug/l	98
57) 1,3-Dichloropropane	9.305	76	62674	21.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	127295	86.855	ug/l	99
59) 2-Hexanone	9.433	43	231547	115.407	ug/l	99
60) Dibromochloromethane	9.519	129	33874	19.812	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36670	21.281	ug/l	98
64) Tetrachloroethene	9.275	164	27824	19.563	ug/l	98
65) Chlorobenzene	10.079	112	94932	20.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32146	20.923	ug/l	100
67) Ethyl Benzene	10.195	91	167658	20.886	ug/l	99
68) m/p-Xylenes	10.299	106	123887	41.384	ug/l	100
69) o-Xylene	10.640	106	62326	21.324	ug/l	99
70) Styrene	10.652	104	101812	21.061	ug/l	98
71) Bromoform	10.799	173	18740	17.454	ug/l #	99
73) Isopropylbenzene	10.963	105	162841	21.937	ug/l	99
74) N-amyl acetate	10.841	43	76764	22.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	56343	22.167	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46519m	21.966	ug/l	
77) Bromobenzene	11.195	156	38424	21.699	ug/l	100
78) n-propylbenzene	11.305	91	177942	21.463	ug/l	98
79) 2-Chlorotoluene	11.360	91	113558	21.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	133542	21.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13581	17.499	ug/l #	85
82) 4-Chlorotoluene	11.451	91	128085	21.641	ug/l	99
83) tert-Butylbenzene	11.713	119	134832	22.274	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134709	22.155	ug/l	98
85) sec-Butylbenzene	11.890	105	159764	21.541	ug/l	99
86) p-Isopropyltoluene	12.006	119	132697	22.027	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66585	20.645	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65706	19.982	ug/l	95
89) n-Butylbenzene	12.329	91	110620	20.826	ug/l	99
90) Hexachloroethane	12.536	117	18756	18.309	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	69186	21.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10532	20.679	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	37178	19.375	ug/l	98
94) Hexachlorobutadiene	13.725	225	14835	19.561	ug/l	99
95) Naphthalene	13.774	128	149688	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38872	20.014	ug/l	95

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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